CDX-3700

SONY

E Model

SERVICE MANUAL

SUPPLEMENT-1

File this supplement with the service manual.

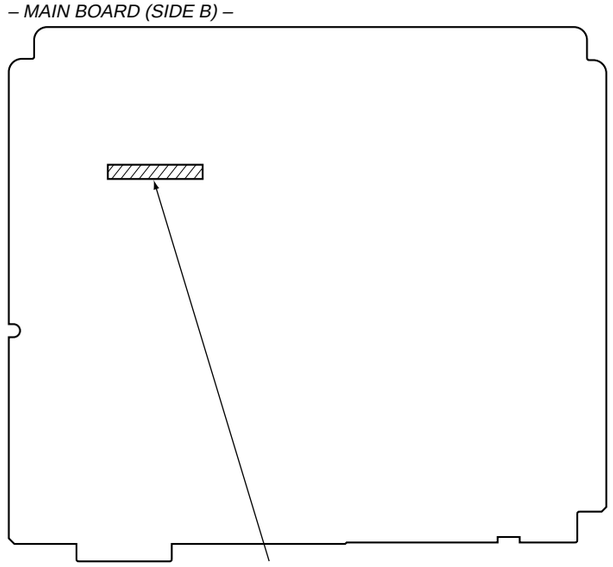
Subject : Change of Main and Key Boards

(ECN-CSB00629)

When performing service and inspection, check the suffix of the part number of the main and key boards.

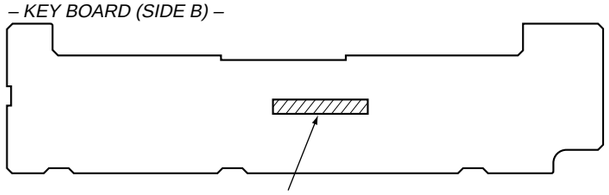
1. DISCRIMINATION

– MAIN BOARD (SIDE B) –



MAIN Board Part No.
Former : 1-672-491-11
New : 1-672-491-12

– KEY BOARD (SIDE B) –



KEY Board Part No.
Former : 1-672-492-11
New : 1-672-492-12

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

For schematic diagrams

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- ▭ : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM
  ➡ : AM
  ⇨ : CD
- (( )) : Page of supplement-1.

For printed wiring boards

- ——— : parts extracted from the conductor side.
- ○ : Through hole.
- △ : internal component.
- ▒▒ : Pattern from the side which enables seeing. (The other layer's patterns are not indicated.)

Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.

- (( )) : Page of supplement-1.

2. PRINTED WIRING BOARDS — MAIN SECTION —

• **Semiconductor Location**

Ref. No.	Location
(D501)	B-10
D503	B-13
D504	B-12
D505	C-11
D506	D-13
D507	D-12
D508	E-11
D509	F-11
D510	E-12
D511	B-4
D512	E-10
D513	B-8
D514	D-8
D516	B-12
D517	B-12
D518	C-12
D519	C-2
D550	C-4
D551	B-4
D552	C-4
D601	K-12
D602	J-12
D605	J-11
D606	J-11
D607	J-11
D608	J-11
D610	J-10
D611	K-10
IC101	G-8
IC102	G-5
IC103	J-4
IC400	D-5
(IC500)	B-6
IC600	H-11
IC601	I-9
IC700	D-3
Q101	F-4
Q401	B-3
Q402	C-5
Q403	C-6
Q501	D-11
Q502	D-11
Q503	F-13
Q504	G-12
Q505	C-11
Q506	C-13
Q507	D-13
Q508	F-7
Q509	E-11
Q510	E-12
Q511	E-10
Q512	C-8
(Q513)	A-8
Q514	C-8
Q515	D-7
Q516	B-3
Q517	F-11
Q550	B-3
Q551	B-4
Q601	J-13
Q701	G-2
Q702	G-2
Q703	J-7
Q704	F-2
Q705	F-3

( ) : SIDE B

【MAIN BOARD】(SIDE A)

OPTICAL PICK-UP

【MOTOR BOARD】

M102 (SLED)

SW5 (LIMIT)

M101 (SPINDLE)

BRN

BLU

1-673-761-

1-670-828-

【MOTOR FLEXIBLE BOARD】

【SW BOARD】

SW3 (DISC IN 2)

SW2 (DISC IN 1)

M103 (LOADING)

SW4 (CHUCKING DET)

BLK

BRN

RED

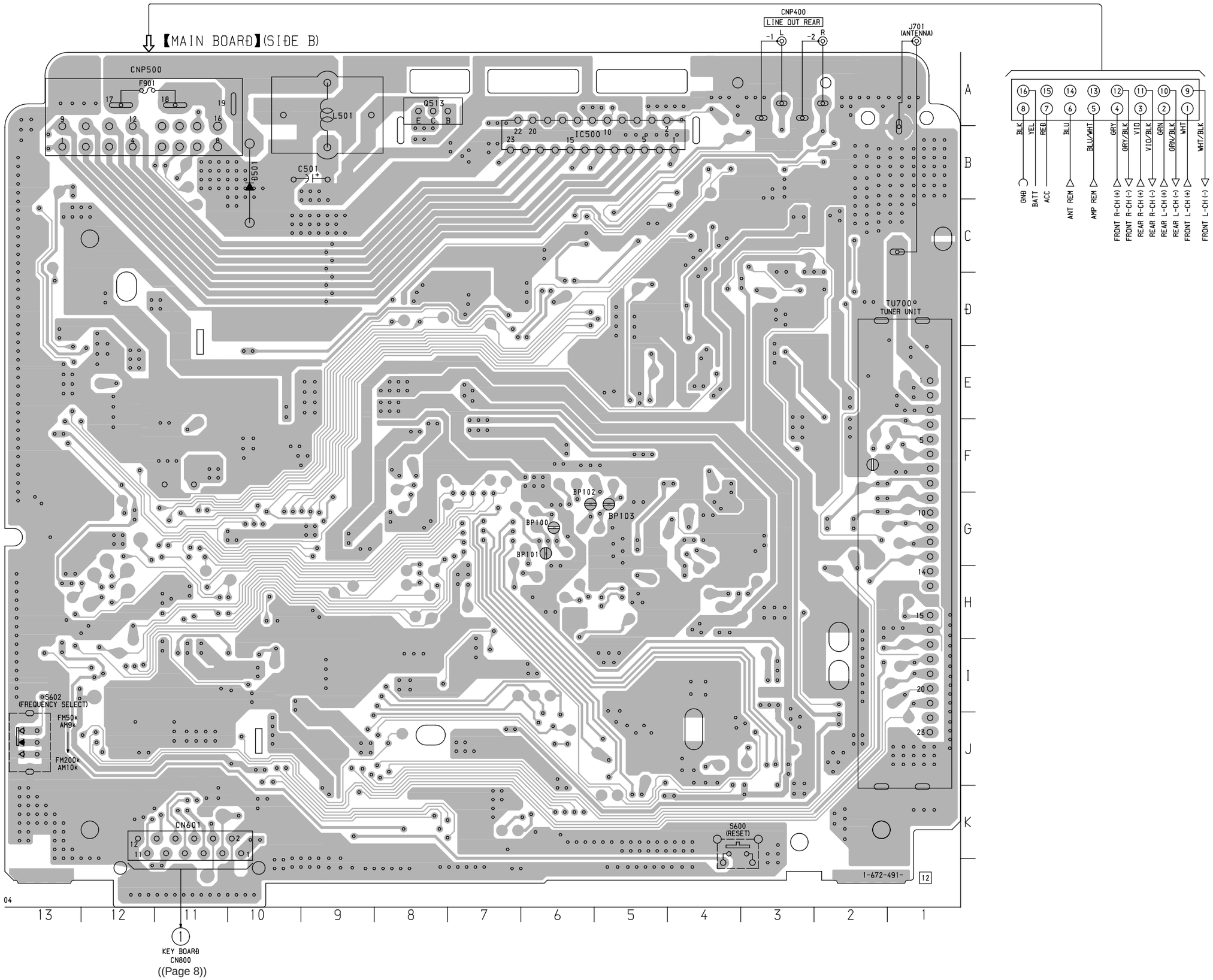
ORG

YEL

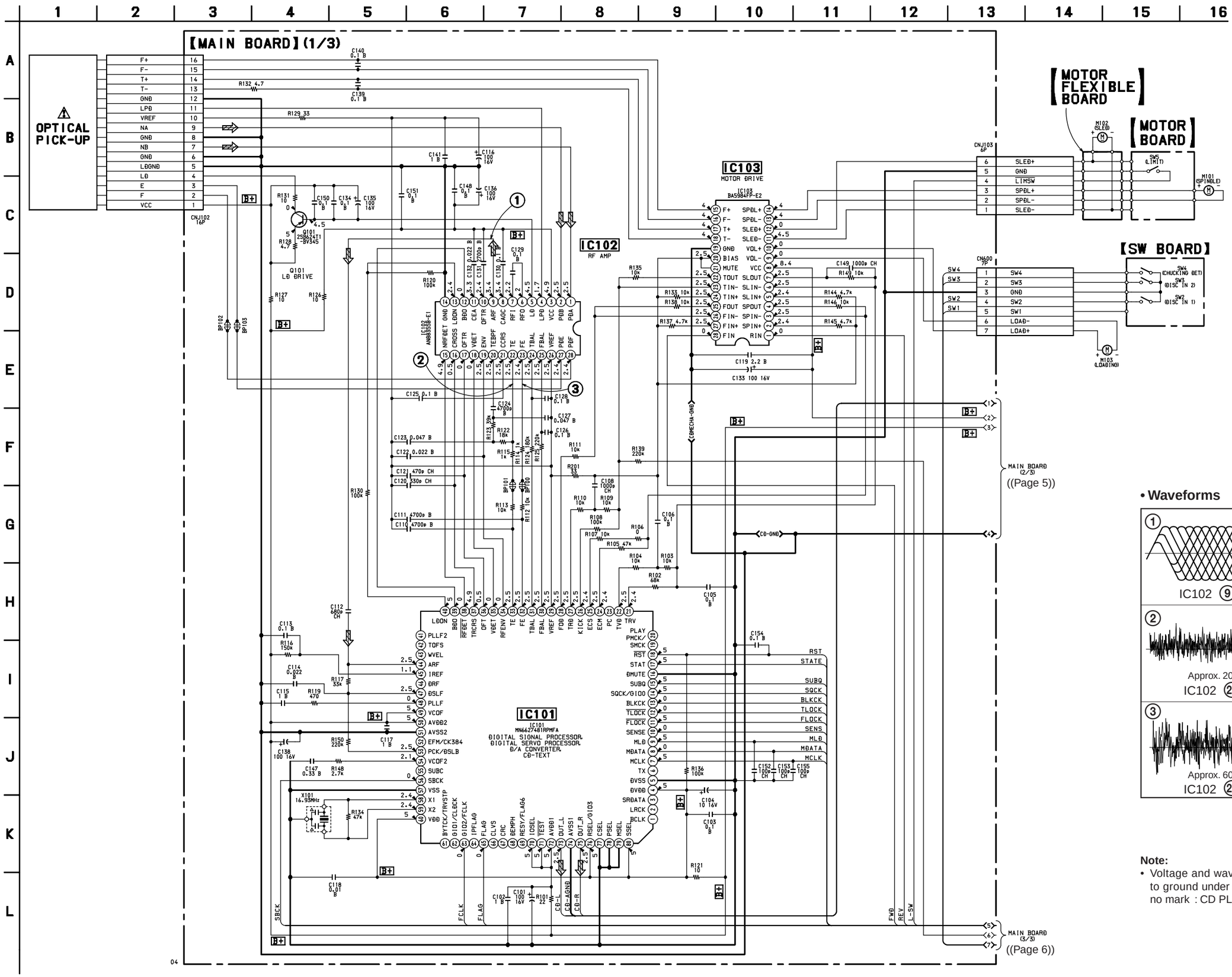
GRN

1-670-827-

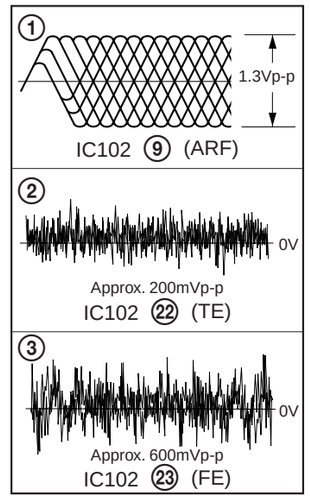
1-672-491-


【MAIN BOARD】(SIDE B)
CNP500
F901
L501
Q513
E C B
C501
D501
IC500
CNP400
LINE OUT REAR
L
R
J701
(ANTENNA)
TU700
TUNER UNIT
BP102
BP103
BP100
BP101
S602
(FREQUENCY SELECT)
FM50k
AM9k
FM200k
AM10k
CN601
S600
(RESET)
1-672-491-
GND
BATT
ACC
ANT REM
AMP REM
FRONT R-CH (+)
FRONT R-CH (-)
REAR R-CH (+)
REAR R-CH (-)
REAR L-CH (+)
REAR L-CH (-)
FRONT L-CH (+)
FRONT L-CH (-)
BLK
YEL
RED
BLU
BLU/WHT
GRY
GRY/BLK
VIO
VIO/BLK
GRN
GRN/BLK
WHT
WHT/BLK
KEY BOARD
CN800
((Page 8))

3. SCHEMATIC DIAGRAM — MAIN SECTION (1/3) —

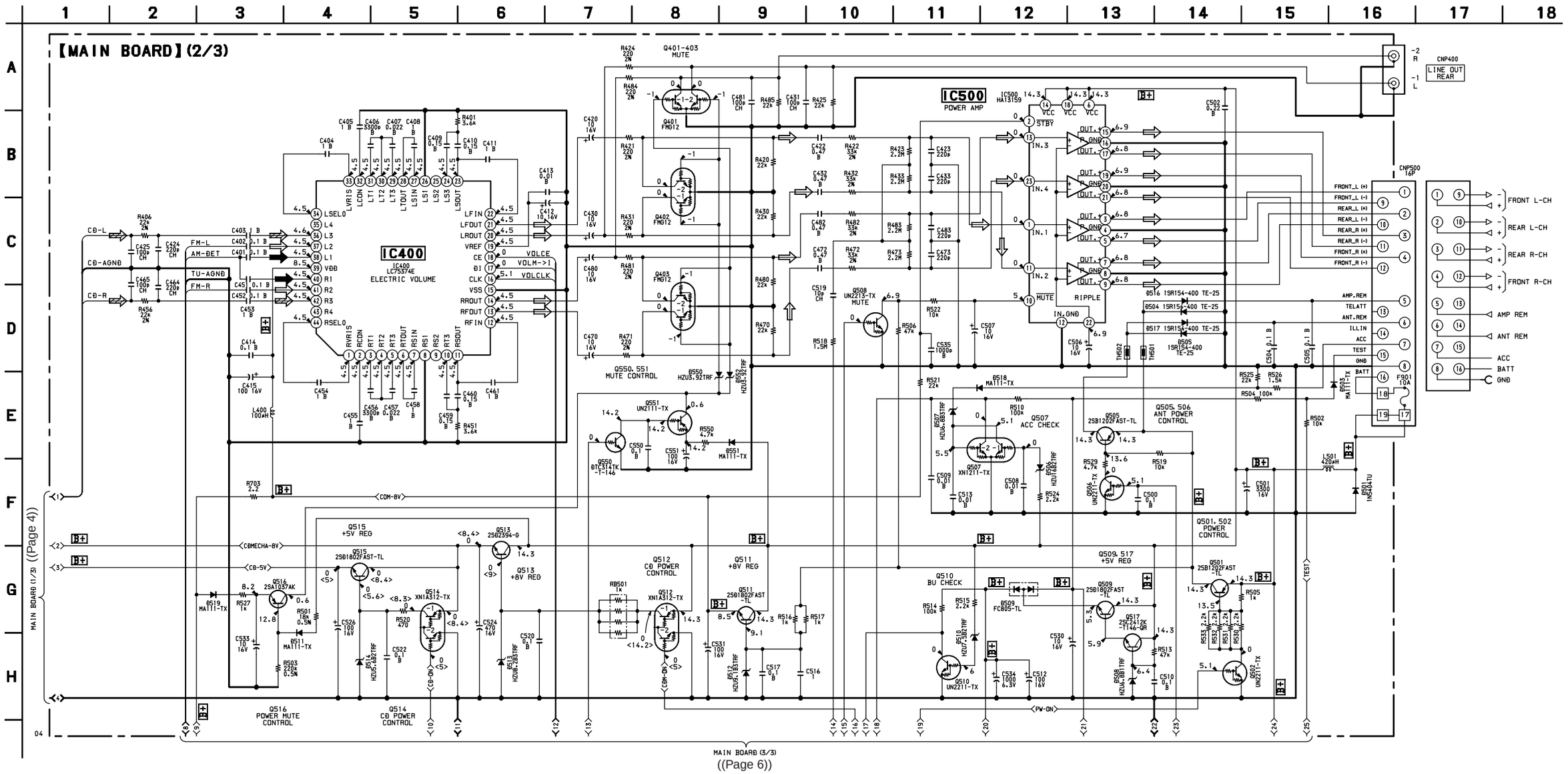


• **Waveforms** (MODE:PLAY)



Note:
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : CD PLAY

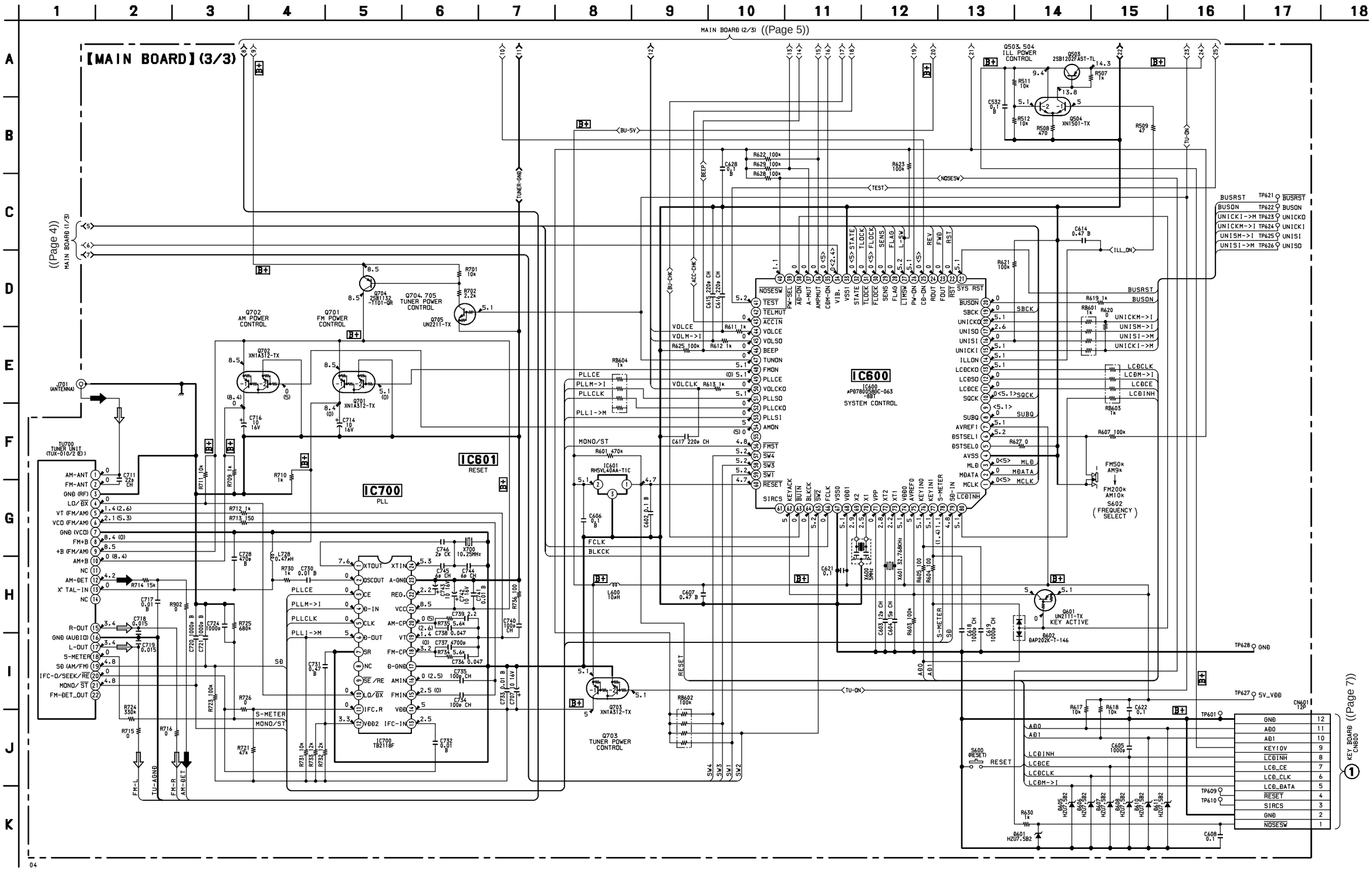
4. SCHEMATIC DIAGRAM — MAIN SECTION (2/3) —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  < > : CD PLAY

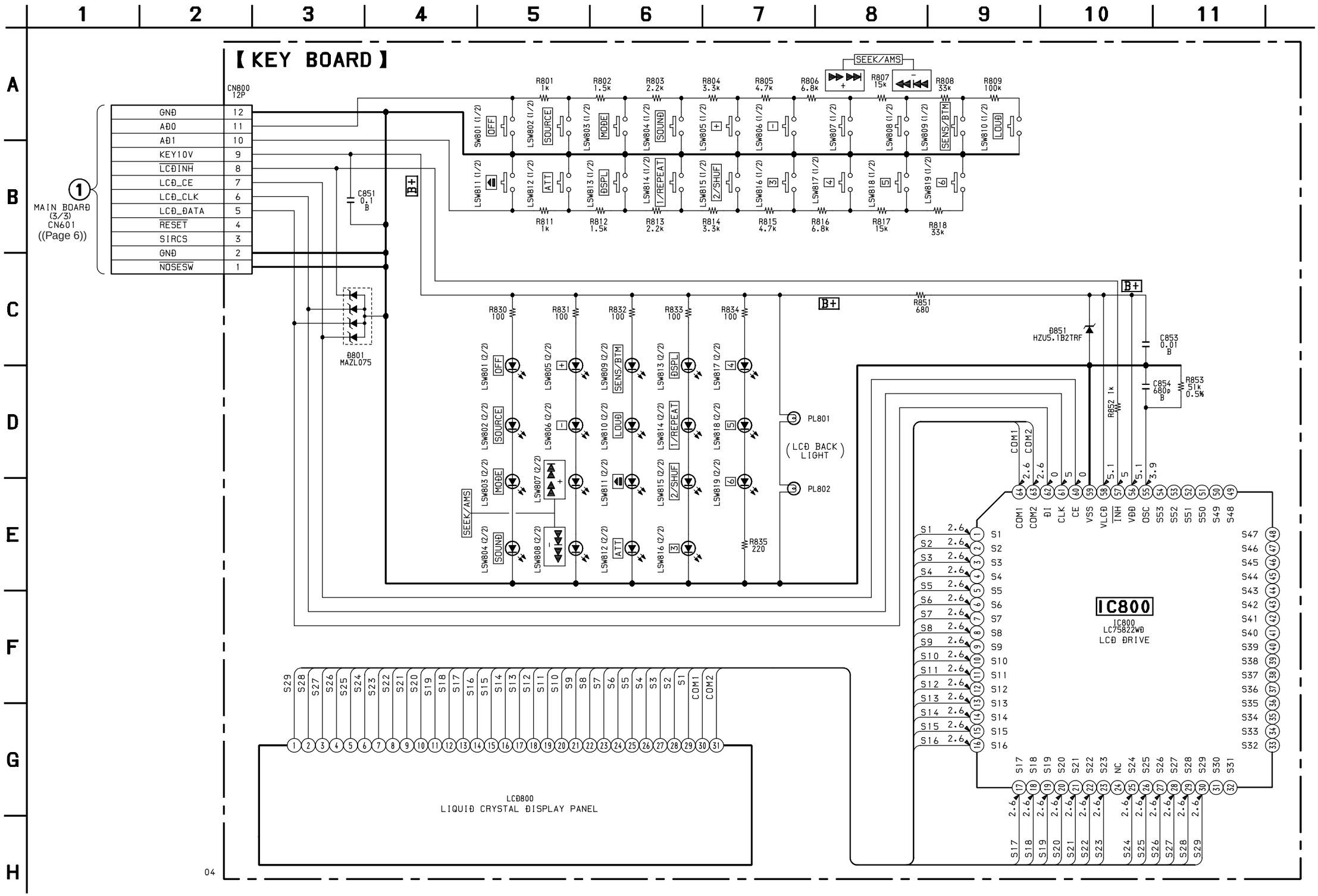
5. SCHEMATIC DIAGRAM — MAIN SECTION (3/3) —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : AM
  < > : CD PLAY

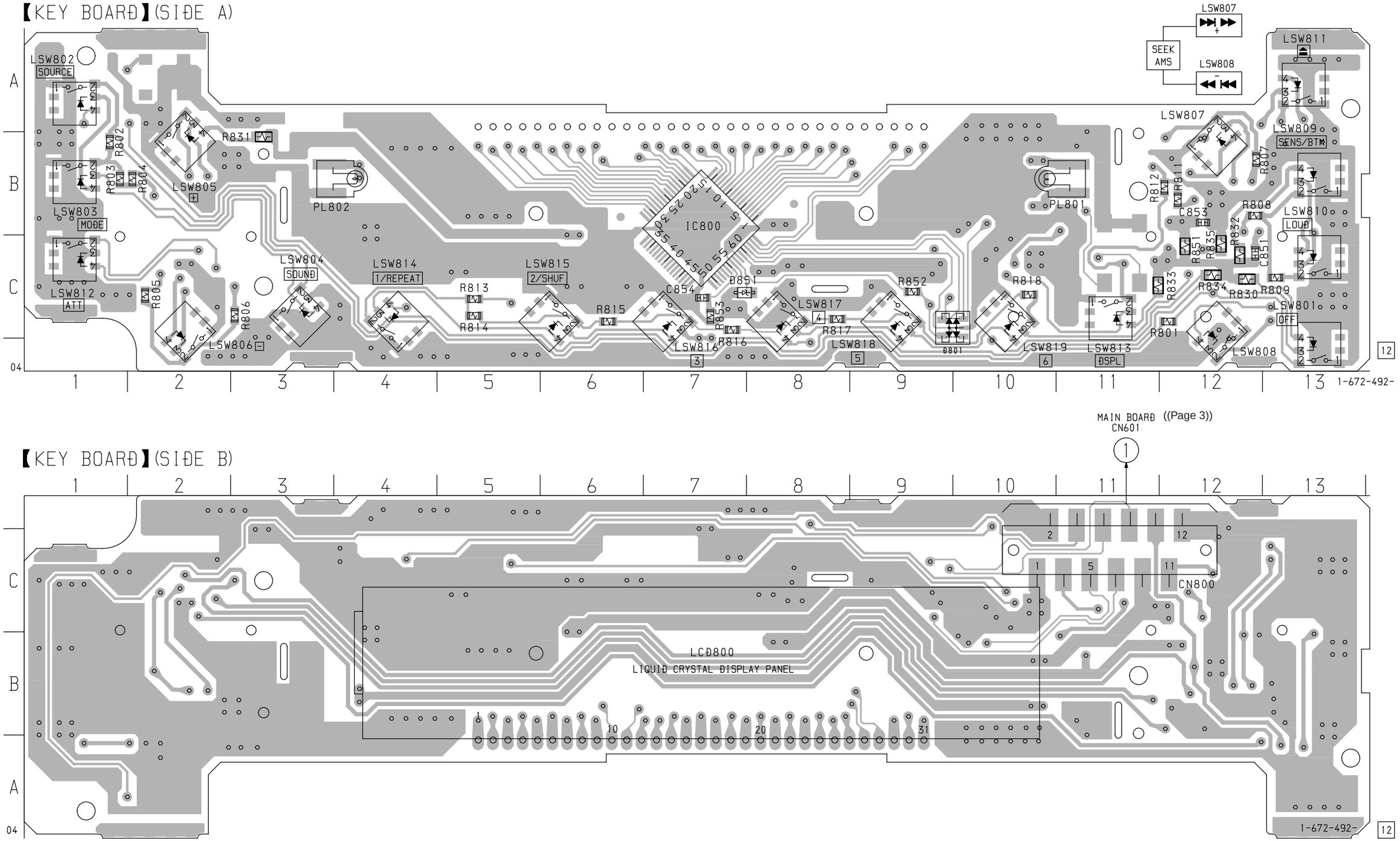
6. SCHEMATIC DIAGRAM — DISPLAY SECTION —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM

7. PRINTED WIRING BOARD — DISPLAY SECTION —



8. ELECTRICAL PARTS LIST

KEY

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
		KEY BOARD			
		**********			
*	X-3377-104-1	HOLDER (LCD) ASSY			
*	3-034-440-02	PLATE (LCD), GROUND			
*	3-034-453-01	SHEET (DIFFUSION)			
*	3-034-454-01	SHEET (LCD)			
		< CAPACITOR >			
C851	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C853	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C854	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
		< CONNECTOR >			
CN800	1-764-423-11	PIN, CONNECTOR 12P			
		< DIODE >			
D801	8-719-068-84	DIODE MAZL075D0LS0-TX/L			
D851	8-719-976-99	DIODE HZU5.1B2TRF			
		< IC >			
IC800	8-759-330-60	IC LC75822WD			
		< LIQUID CRYSTAL DISPLAY >			
LCD800	1-803-526-11	DISPLAY PANEL, LIQUID CRYSTAL			
		< SWITCH >			
LSW801	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (OFF)			
LSW802	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (SOURCE)			
LSW803	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (MODE)			
LSW804	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (SOUND)			
LSW805	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (+)			
LSW806	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (–)			
LSW807	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (SEEK AMS ▶▶ ▶▶I +)			
LSW808	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (SEEK AMS ◀◀ I◀◀ –)			
LSW809	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (SENS/BTM)			
LSW810	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (LOUD)			
LSW811	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (⏏)			
LSW812	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (ATT)			
LSW813	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (DSPL)			
LSW814	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (1/REPEAT)			
LSW815	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (2/SHUF)			
LSW816	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (3)			
LSW817	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (4)			
LSW818	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (5)			
LSW819	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (6)			
		< PILOT LAMP >			
PL801	1-517-898-21	LAMP, PILOT			
PL802	1-517-898-21	LAMP, PILOT			
		< RESISTOR >			
R801	1-216-821-11	METAL CHIP	1K	5%	1/16W
R802	1-216-823-11	METAL CHIP	1.5K	5%	1/16W
R803	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R804	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R805	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R806	1-216-831-11	METAL CHIP	6.8K	5%	1/16W
R807	1-216-835-11	METAL CHIP	15K	5%	1/16W
R808	1-216-839-11	METAL CHIP	33K	5%	1/16W
R809	1-220-743-51	METAL CHIP	100K	0.50%	1/16W
R811	1-216-821-11	METAL CHIP	1K	5%	1/16W
R812	1-216-823-11	METAL CHIP	1.5K	5%	1/16W
R813	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R814	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R815	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R816	1-216-831-11	METAL CHIP	6.8K	5%	1/16W
R817	1-216-835-11	METAL CHIP	15K	5%	1/16W
R818	1-216-839-11	METAL CHIP	33K	5%	1/16W
R830	1-216-025-00	RES,CHIP	100	5%	1/10W
R831	1-216-025-00	RES,CHIP	100	5%	1/10W
R832	1-216-025-00	RES,CHIP	100	5%	1/10W
R833	1-216-025-00	RES,CHIP	100	5%	1/10W
R834	1-216-025-00	RES,CHIP	100	5%	1/10W
R835	1-216-033-00	METAL CHIP	220	5%	1/10W
R851	1-216-045-00	METAL CHIP	680	5%	1/10W
R852	1-216-821-11	METAL CHIP	1K	5%	1/16W
R853	1-218-733-11	METAL CHIP	51K	0.50%	1/16W

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MAIN

Ref. No.	Part No.	Description			Remark
*	A-3294-665-A	MAIN BOARD, COMPLETE			
		**********			
*	3-034-438-02	BRACKET (IC)			
*	3-034-441-03	HEAT SINK			
	7-685-793-09	SCREW +PTT 2.6X8 (S)			
		< CAPACITOR >			
C101	1-117-681-11	ELECT CHIP	100uF	20%	16V
C102	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C103	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C104	1-124-779-00	ELECT CHIP	10uF	20%	16V
C105	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C106	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C108	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C110	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C111	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C112	1-115-412-11	CERAMIC CHIP	680PF	5%	25V
C113	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C114	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C115	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C116	1-117-681-11	ELECT CHIP	100uF	20%	16V
C117	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C118	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C119	1-115-565-11	CERAMIC CHIP	2.2uF	10%	10V
C120	1-162-959-11	CERAMIC CHIP	330PF	5%	50V
C121	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C122	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C123	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C124	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C127	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C128	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C129	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C131	1-162-979-11	CERAMIC CHIP	0.0027uF	10%	50V
C132	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C133	1-117-681-11	ELECT CHIP	100uF	20%	16V
C134	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C135	1-117-681-11	ELECT CHIP	100uF	20%	16V
C136	1-117-681-11	ELECT CHIP	100uF	20%	16V
C138	1-117-681-11	ELECT CHIP	100uF	20%	16V
C139	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C141	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C147	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C148	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C149	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C150	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C151	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C152	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C153	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description			Remark
C154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C155	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C401	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C402	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C403	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C404	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C405	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C406	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C407	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C408	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C409	1-164-492-11	CERAMIC CHIP	0.15uF	10%	16V
C410	1-164-492-11	CERAMIC CHIP	0.15uF	10%	16V
C411	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C412	1-124-779-00	ELECT CHIP	10uF	20%	16V
C413	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C414	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C415	1-117-681-11	ELECT CHIP	100uF	20%	16V
C420	1-124-779-00	ELECT CHIP	10uF	20%	16V
C422	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C423	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C424	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C425	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C430	1-124-779-00	ELECT CHIP	10uF	20%	16V
C431	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C432	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C433	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C451	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C452	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C453	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C454	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C455	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C456	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C457	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C458	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C459	1-164-492-11	CERAMIC CHIP	0.15uF	10%	16V
C460	1-164-492-11	CERAMIC CHIP	0.15uF	10%	16V
C461	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C464	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C465	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C470	1-124-779-00	ELECT CHIP	10uF	20%	16V
C472	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C473	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C480	1-124-779-00	ELECT CHIP	10uF	20%	16V
C481	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C482	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C483	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C500	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C501	1-128-659-21	ELECT	3300uF		16V
C502	1-125-898-11	CERAMIC CHIP	0.22uF	10%	50V
C504	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C505	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C506	1-124-779-00	ELECT CHIP	10uF	20%	16V
C507	1-124-779-00	ELECT CHIP	10uF	20%	16V

Ref. No.	Part No.	Description			Remark
C508	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C509	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C512	1-117-681-11	ELECT CHIP	100uF	20%	16V
C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C516	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C519	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C524	1-127-931-21	ELECT	470uF	20%	16V
C526	1-117-681-11	ELECT CHIP	100uF	20%	16V
C530	1-124-779-00	ELECT CHIP	10uF	20%	16V
C531	1-117-681-11	ELECT CHIP	100uF	20%	16V
C532	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C533	1-124-779-00	ELECT CHIP	10uF	20%	16V
C534	1-110-530-11	ELECT CHIP	1000uF	20%	6.3V
C535	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C550	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C551	1-117-681-11	ELECT CHIP	100uF	20%	16V
C602	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C603	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C604	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C605	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C606	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C607	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C608	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C614	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C615	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C616	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C617	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C618	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C619	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C621	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C622	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C628	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C707	1-124-779-00	ELECT CHIP	10uF	20%	16V
C711	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C714	1-124-779-00	ELECT CHIP	10uF	20%	16V
C716	1-124-779-00	ELECT CHIP	10uF	20%	16V
C717	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C718	1-164-245-11	CERAMIC CHIP	0.015uF	10%	25V
C719	1-164-245-11	CERAMIC CHIP	0.015uF	10%	25V
C720	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C721	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C724	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C728	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C730	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C731	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C732	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C733	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C734	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C735	1-162-927-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description			Remark
C736	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C737	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C738	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C739	1-115-565-11	CERAMIC CHIP	2.2uF	10%	10V
C740	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C741	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C742	1-124-779-00	ELECT CHIP	10uF	20%	16V
C743	1-124-779-00	ELECT CHIP	10uF	20%	16V
C744	1-162-911-11	CERAMIC CHIP	6PF	0.5PF	50V
C745	1-162-911-11	CERAMIC CHIP	6PF	0.5PF	50V
C746	1-162-907-11	CERAMIC CHIP	2PF	0.25PF	50V
		< CONNECTOR >			
* CN600	1-580-756-21	PIN, CONNECTOR (SMD) 7P			
CN601	1-764-422-11	PLUG, CONNECTOR 12P			
CNJ102	1-785-894-21	CONNECTOR, FPC/FFC (ZIF) 16P			
CNJ103	1-785-893-21	CONNECTOR, FPC/FFC (ZIF) 6P			
CNP500	1-774-701-11	PIN, CONNECTOR 16P			
		< JACK >			
CNP400	1-774-698-11	JACK, PIN 2P (LINE OUT REAR)			
		< DIODE >			
D501	8-719-049-38	DIODE 1N5404TU			
D503	8-719-073-01	DIODE MA111-TX			
D504	8-719-053-18	DIODE 1SR154-400TE-25			
D505	8-719-053-18	DIODE 1SR154-400TE-25			
D506	8-719-064-03	DIODE HZU16B2TRF			
D507	8-719-071-68	DIODE HZU6.8B3TRF			
D508	8-719-071-67	DIODE HZU6.8B1TRF			
D509	8-719-981-59	DIODE FC805-TL			
D510	8-719-056-84	DIODE HZU7.5B2TRF			
D511	8-719-073-01	DIODE MA111-TX			
D512	8-719-042-31	DIODE HZU9.1B3TRF			
D513	8-719-071-72	DIODE HZU8.2B3TRF			
D514	8-719-047-98	DIODE HZU5.6B2TRF			
D516	8-719-053-18	DIODE 1SR154-400TE-25			
D517	8-719-053-18	DIODE 1SR154-400TE-25			
D518	8-719-073-01	DIODE MA111-TX			
D519	8-719-073-01	DIODE MA111-TX			
D550	8-719-062-38	DIODE HZU3.92TRF			
D551	8-719-073-01	DIODE MA111-TX			
D552	8-719-062-38	DIODE HZU3.92TRF			
D601	8-719-056-84	DIODE HZU7.5B2TRF			
D602	8-719-914-44	DIODE DAP202K-T-146			
D605	8-719-056-84	DIODE HZU7.5B2TRF			
D606	8-719-056-84	DIODE HZU7.5B2TRF			
D607	8-719-056-84	DIODE HZU7.5B2TRF			
D608	8-719-056-84	DIODE HZU7.5B2TRF			
D610	8-719-056-84	DIODE HZU7.5B2TRF			
D611	8-719-056-84	DIODE HZU7.5B2TRF			

MAIN

Ref. No.	Part No.	Description	Remark
		< IC >	
IC101	8-759-574-26	IC MN6627481RPMFA	
IC102	8-759-574-25	IC AN8835SB-E1	
IC103	8-759-574-24	IC BA5984FP-E2	
IC400	8-759-487-82	IC LC75374E	
IC500	8-759-579-42	IC HA13159	
IC600	8-759-591-47	IC uPD780058GC-063-8BT	
IC601	8-759-443-41	IC RH5VL40AA-T1C	
IC700	8-759-586-59	IC TB2118F(EL)	
		< JACK >	
J701	1-785-503-11	JACK (ANTENNA)	
		< COIL >	
L400	1-412-058-11	INDUCTOR CHIP 10uH	
L501	1-416-729-11	INDUCTOR 420uH	
L600	1-412-058-11	INDUCTOR CHIP 10uH	
L728	1-410-989-11	INDUCTOR CHIP 0.47uH	
		< TRANSISTOR >	
Q101	8-729-141-48	TRANSISTOR 2SB624T1-BV345	
Q401	8-729-047-71	TRANSISTOR FMG12-T-148	
Q402	8-729-047-71	TRANSISTOR FMG12-T-148	
Q403	8-729-047-71	TRANSISTOR FMG12-T-148	
Q501	8-729-822-84	TRANSISTOR 2SB1202FAST-TL	
Q502	8-729-421-22	TRANSISTOR UN2211-TX	
Q503	8-729-822-84	TRANSISTOR 2SB1202FAST-TL	
Q504	8-729-402-13	TRANSISTOR XN1501-TX	
Q505	8-729-822-84	TRANSISTOR 2SB1202FAST-TL	
Q506	8-729-421-22	TRANSISTOR UN2211-TX	
Q507	8-729-429-92	TRANSISTOR XN1211-TX	
Q508	8-729-421-19	TRANSISTOR UN2213-TX	
Q509	8-729-015-11	TRANSISTOR 2SD1802FAST-TL	
Q510	8-729-421-22	TRANSISTOR UN2211-TX	
Q511	8-729-015-11	TRANSISTOR 2SD1802FAST-TL	
Q512	8-729-020-67	TRANSISTOR XN1A312-TX	
Q513	8-729-019-00	TRANSISTOR 2SD2394-G	
Q514	8-729-020-67	TRANSISTOR XN1A312-TX	
Q515	8-729-015-11	TRANSISTOR 2SD1802FAST-TL	
Q516	8-729-026-49	TRANSISTOR 2SA1037AK-T146-QR	
Q517	8-729-120-28	TRANSISTOR 2SC2412K-T-146-QR	
Q550	8-729-920-21	TRANSISTOR DTC314TK-T-146	
Q551	8-729-424-08	TRANSISTOR UN2111-TX	
Q601	8-729-424-08	TRANSISTOR UN2111-TX	
Q701	8-729-020-67	TRANSISTOR XN1A312-TX	
Q702	8-729-020-67	TRANSISTOR XN1A312-TX	
Q703	8-729-020-67	TRANSISTOR XN1A312-TX	
Q704	8-729-106-60	TRANSISTOR 2SB1132-T101-QR	
Q705	8-729-421-22	TRANSISTOR UN2211-TX	
		< RESISTOR >	
R101	1-216-009-00	RES,CHIP 22 5%	1/10W

Ref. No.	Part No.	Description			Remark
R102	1-216-843-11	METAL CHIP	68K	5%	1/16W
R103	1-216-833-00	RES,CHIP	10K	5%	1/16W
R104	1-216-833-00	RES,CHIP	10K	5%	1/16W
R105	1-216-841-11	METAL CHIP	47K	5%	1/16W
R106	1-216-864-11	METAL CHIP	0	5%	1/16W
R107	1-216-833-00	RES,CHIP	10K	5%	1/16W
R108	1-216-845-11	METAL CHIP	100K	5%	1/16W
R109	1-216-833-00	RES,CHIP	10K	5%	1/16W
R110	1-216-833-00	RES,CHIP	10K	5%	1/16W
R111	1-216-833-00	RES,CHIP	10K	5%	1/16W
R112	1-216-833-00	RES,CHIP	10K	5%	1/16W
R113	1-216-833-00	RES,CHIP	10K	5%	1/16W
R114	1-216-821-11	METAL CHIP	1K	5%	1/16W
R115	1-216-821-11	METAL CHIP	1K	5%	1/16W
R116	1-216-847-11	METAL CHIP	150K	5%	1/16W
R117	1-216-839-11	METAL CHIP	33K	5%	1/16W
R119	1-216-817-11	METAL CHIP	470	5%	1/16W
R120	1-216-845-11	METAL CHIP	100K	5%	1/16W
R121	1-216-001-00	METAL CHIP	10	5%	1/10W
R122	1-216-836-11	METAL CHIP	18K	5%	1/16W
R123	1-216-840-11	METAL CHIP	39K	5%	1/16W
R124	1-216-848-11	METAL CHIP	180K	5%	1/16W
R125	1-216-849-11	METAL CHIP	220K	5%	1/16W
R126	1-216-001-00	METAL CHIP	10	5%	1/10W
R127	1-216-001-00	METAL CHIP	10	5%	1/10W
R128	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R129	1-216-013-00	METAL CHIP	33	5%	1/10W
R130	1-216-845-11	METAL CHIP	100K	5%	1/16W
R131	1-216-001-00	METAL CHIP	10	5%	1/10W
R132	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R133	1-216-833-00	RES,CHIP	10K	5%	1/16W
R134	1-216-841-11	METAL CHIP	47K	5%	1/16W
R135	1-216-833-00	RES,CHIP	10K	5%	1/16W
R136	1-216-845-11	METAL CHIP	100K	5%	1/16W
R137	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R138	1-216-833-00	RES,CHIP	10K	5%	1/16W
R139	1-216-849-11	METAL CHIP	220K	5%	1/16W
R144	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R145	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R146	1-216-833-00	RES,CHIP	10K	5%	1/16W
R148	1-216-826-11	METAL CHIP	2.7K	5%	1/16W
R149	1-216-833-00	RES,CHIP	10K	5%	1/16W
R150	1-216-849-11	METAL CHIP	220K	5%	1/16W
R201	1-216-013-00	METAL CHIP	33	5%	1/10W
R401	1-220-158-11	RES,CHIP	3.6K	5%	1/16W
R406	1-208-518-41	RES,CHIP	22K	2%	1/10W
R420	1-216-837-11	METAL CHIP	22K	5%	1/16W
R421	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R422	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R423	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R424	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R425	1-216-837-11	METAL CHIP	22K	5%	1/16W
R430	1-216-837-11	METAL CHIP	22K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R431	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R432	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R433	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R451	1-220-158-11	RES,CHIP	3.6K	5%	1/16W
R456	1-208-518-41	RES,CHIP	22K	2%	1/10W
R470	1-216-837-11	METAL CHIP	22K	5%	1/16W
R471	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R472	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R473	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R480	1-216-837-11	METAL CHIP	22K	5%	1/16W
R481	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R482	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R483	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R484	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R485	1-216-837-11	METAL CHIP	22K	5%	1/16W
R501	1-218-722-11	METAL CHIP	18K	0.50%	1/16W
R502	1-216-833-00	RES,CHIP	10K	5%	1/16W
R503	1-218-748-11	METAL CHIP	220K	0.50%	1/16W
R504	1-216-845-11	METAL CHIP	100K	5%	1/16W
R505	1-216-821-11	METAL CHIP	1K	5%	1/16W
R506	1-216-841-11	METAL CHIP	47K	5%	1/16W
R507	1-216-821-11	METAL CHIP	1K	5%	1/16W
R508	1-216-817-11	METAL CHIP	470	5%	1/16W
R509	1-216-805-11	METAL CHIP	47	5%	1/16W
R510	1-216-845-11	METAL CHIP	100K	5%	1/16W
R511	1-216-833-00	RES,CHIP	10K	5%	1/16W
R512	1-216-833-00	RES,CHIP	10K	5%	1/16W
R513	1-216-841-11	METAL CHIP	47K	5%	1/16W
R514	1-216-845-11	METAL CHIP	100K	5%	1/16W
R515	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R516	1-216-821-11	METAL CHIP	1K	5%	1/16W
R517	1-216-821-11	METAL CHIP	1K	5%	1/16W
R518	1-216-859-11	RES,CHIP	1.5M	5%	1/16W
R519	1-216-833-00	RES,CHIP	10K	5%	1/16W
R520	1-216-817-11	METAL CHIP	470	5%	1/16W
R521	1-216-837-11	METAL CHIP	22K	5%	1/16W
R522	1-216-833-00	RES,CHIP	10K	5%	1/16W
R524	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R525	1-216-837-11	METAL CHIP	22K	5%	1/16W
R526	1-216-823-11	METAL CHIP	1.5K	5%	1/16W
R527	1-216-821-11	METAL CHIP	1K	5%	1/16W
R529	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R530	1-216-206-00	RES,CHIP	2.2K	5%	1/8W
R531	1-216-206-00	RES,CHIP	2.2K	5%	1/8W
R532	1-216-206-00	RES,CHIP	2.2K	5%	1/8W
R533	1-216-206-00	RES,CHIP	2.2K	5%	1/8W
R550	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R601	1-216-853-11	METAL CHIP	470K	5%	1/16W
R603	1-216-845-11	METAL CHIP	100K	5%	1/16W
R604	1-216-809-11	METAL CHIP	100	5%	1/16W
R605	1-216-809-11	METAL CHIP	100	5%	1/16W
R607	1-216-845-11	METAL CHIP	100K	5%	1/16W
R611	1-216-821-11	METAL CHIP	1K	5%	1/16W
R612	1-216-821-11	METAL CHIP	1K	5%	1/16W
R613	1-216-821-11	METAL CHIP	1K	5%	1/16W
R617	1-216-833-00	RES,CHIP	10K	5%	1/16W
R618	1-216-833-00	RES,CHIP	10K	5%	1/16W
R619	1-216-821-11	METAL CHIP	1K	5%	1/16W
R620	1-216-864-11	METAL CHIP	0	5%	1/16W
R621	1-216-845-11	METAL CHIP	100K	5%	1/16W
R622	1-216-845-11	METAL CHIP	100K	5%	1/16W
R623	1-216-845-11	METAL CHIP	100K	5%	1/16W
R625	1-216-845-11	METAL CHIP	100K	5%	1/16W
R627	1-216-864-11	METAL CHIP	0	5%	1/16W
R628	1-216-845-11	METAL CHIP	100K	5%	1/16W
R629	1-216-845-11	METAL CHIP	100K	5%	1/16W
R630	1-216-821-11	METAL CHIP	1K	5%	1/16W
R701	1-216-833-00	RES,CHIP	10K	5%	1/16W
R702	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R703	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R709	1-216-049-11	RES,CHIP	1K	5%	1/10W
R710	1-216-049-11	RES,CHIP	1K	5%	1/10W
R711	1-216-833-00	RES,CHIP	10K	5%	1/16W
R712	1-216-821-11	METAL CHIP	1K	5%	1/16W
R713	1-216-811-11	METAL CHIP	150	5%	1/16W
R714	1-216-835-11	METAL CHIP	15K	5%	1/16W
R715	1-216-864-11	METAL CHIP	0	5%	1/16W
R716	1-216-864-11	METAL CHIP	0	5%	1/16W
R721	1-216-841-11	METAL CHIP	47K	5%	1/16W
R723	1-216-845-11	METAL CHIP	100K	5%	1/16W
R724	1-216-851-11	METAL CHIP	330K	5%	1/16W
R725	1-216-855-11	METAL CHIP	680K	5%	1/16W
R726	1-216-864-11	METAL CHIP	0	5%	1/16W
R730	1-216-821-11	METAL CHIP	1K	5%	1/16W
R731	1-216-833-00	RES,CHIP	10K	5%	1/16W
R732	1-216-834-11	METAL CHIP	12K	5%	1/16W
R733	1-216-834-11	METAL CHIP	12K	5%	1/16W
R734	1-216-830-11	METAL CHIP	5.6K	5%	1/16W
R735	1-216-830-11	METAL CHIP	5.6K	5%	1/16W
R736	1-216-809-11	METAL CHIP	100	5%	1/16W
R902	1-216-864-11	METAL CHIP	0	5%	1/16W

< NETWORK RESISTOR >

RB501	1-233-412-11	RES, CHIP NETWORK 1.0K (3216)
RB601	1-233-412-11	RES, CHIP NETWORK 1.0K (3216)
RB602	1-233-810-21	RES, CHIP NETWORK 100K (3216)
RB603	1-233-412-11	RES, CHIP NETWORK 1.0K (3216)
RB604	1-233-412-11	RES, CHIP NETWORK 1.0K (3216)

< SWITCH >

S600	1-571-532-21	SWITCH, TACTILE (RESET)
S602	1-571-478-11	SWITCH, SLIDE (FREQUENCY SELECT)

< THERMISTOR (POSITIVE) >

TH501	1-803-615-21	THERMISTOR, POSITIVE
TH502	1-803-615-21	THERMISTOR, POSITIVE

MAIN

Ref. No.	Part No.	Description	Remark
		< TUNER >	
TU700	A-3220-689-A	TUNER UNIT (TUX-010/2(E))	
		< VIBRATOR >	
X101	1-767-621-11	VIBRATOR, CERAMIC (16.93MHz)	
X600	1-781-383-21	VIBRATOR, CERAMIC (5MHz)	
X601	1-579-886-21	VIBRATOR, CRYSTAL (32.768kHz)	
X700	1-781-361-21	VIBRATOR, CRYSTAL (10.25MHz)	

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